

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Brian Ballard

GENERAL INFORMATION:

Name: Headquarters, 101st Airborne Division (Air Assault) and Fort Campbell
Address: Headquarters, 101st Airborne Division (Air Assault) and Fort Campbell
Fort Campbell, KY 42223-1291
Date application received: December 1, 1999
SIC/Source description: 9711
Source ID #: 21-047-00030
Source A.I. #: 751
Activity #: APE19990002
Permit number: V-06-003

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input checked="" type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

☐ Acid rain source
☐ Source subject to 112(r)
☒ Source applied for federally enforceable emissions cap
☐ Source provided terms for alternative operating scenarios
☒ Source subject to a MACT standard
☐ Source requested case-by-case 112(g) or (j) determination
☐ Application proposes new control technology
☐ Certified by responsible official
☐ Diagrams or drawings included
☐ Confidential business information (CBI) submitted in application
☐ Pollution Prevention Measures
☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM	1.40	23.01	N/A
PM ₁₀	1.30	23.01	N/A
SO ₂	1.58	445.29	35
NO _x	20.32	158.33	75
CO	8.91	138.43	50
VOC	14.34	66.93	25
LEAD	0.00052	0.00081	
HAP > 10 tpy (by CAS)			
Benzene (CAS No. 71-43-2)	No Data	0.0005	
Chromium Compounds	No Data	0.149	
Ethyl Benzene (CAS No. 100-41-4)	No Data	0.0004	
Glycol Ether (CAS No. 2807-30-9)	No Data	13.76	
Methylene Chloride (CAS No. 75-09-2)	No Data	5.06	
Naphthalene (CAS No. 91-20-3)	No Data	0.001	
Phenol (CAS No. 108-95-2)	No Data	1.52	
Toluene (CAS No. 108-88-3)	No Data	0.163	
Xylene (CAS No. 1330-20-7)	No Data	0.111	
Combined HAPs	No Data	20.76	

SOURCE PROCESS DESCRIPTION:

See Statement of Basis

EMISSION AND OPERATING CAPS DESCRIPTION:

The source will be subject to the following emission caps per rolling twelve-month period: 50 tons for CO, 75 tons for NO₂ [expressed as NO_x], 35 tons for SO₂, and 25 tons for VOCs. These emission caps will preclude the applicability 401 KAR 51:017, Prevention of significant deterioration of air quality.